

E: Remarks:

These remarks assume the replacement specification with original claims is entered. No change except adding the double spaced format throughout was made.

The present amendment has been prepared to comply with and be in accordance with the latest instructions on preparing amendments issued by the U.S. Patent And Trademark Office dated 1/31/03 which waives the provisions of 37 CFR 1.121(a), (b), (c) and (d).

The formal drawings which contain reference numbers for Figure 1 and which otherwise are now formal are submitted with a separate submission. A copy has been appended.

The above detailed amendment is believed one that should be clear on its face as to the nature of the invention sought at this time. The Sun Microsystems Leung et al Patent 5948098 is not one that anticipates the invention claimed. If it is used again, specifics as to elements of the claims shown in the reference should be identified. This information was not specific in the first action. As now understood, the examiner misconstrued the Sun Microsystems statements in the patent 5948098 which does not have a predetermination cycle pipeline stage nor a predetermination cycle pipeline stage overlapping a dispatch cycle. The examiner apparently misread Col. 12, lines 18-30. Rereading that passage will show that the rejection is unfounded,



as no predetermination cycle pipeline state is shown, only two parallel pipelines. To make this more clear in Claim 1, "*before an instruction is dispatched*" is included as a claim limitation to make it clear that besides providing a predetermination cycle pipeline stage this application provides the overlap before an instruction is dispatched. Claim 2 is also amended to point out that the first pipeline stage is the overlapping virtual predetermination cycle pipeline stage while the second pipeline stage confirms that a prior instruction is valid. Other claims have been changed to meet the examiner's objections. Claim 16 was cancelled in view of the amendment made to claim 1.

It is respectfully submitted that the application should be in final condition for allowance which is respectfully requested.

REMARKS SPECIFIC TO THIS SUBSTITUTE AND CORRECTION TO AMENDMENT

1. The title and filing date have been corrected to fix the problem noted by the Examiner in Paragraph 1.
2. There are no corrections to the specification made except the double spacing of the document.
3. An abstract was submitted, again solely because of the request to correct the spacing of the document.
4. Claim 7 is the original claim. The original examination asked for submission of a clean copy of the original, so that was submitted. However, it is the amended claims presented herewith above that the Applicant wishes to use for the present amendment.

For clarification, again the complete original specification and abstract and claims are submitted again all double spaced, but the claims are to be considered as replaced by the claims stated in this substitute and corrected amendment above. The Appendix contains a copy of formal drawings which were submitted with the original amendment filed 2/17/04 to replace the informal



drawings. No other separate submission of the formal drawings has been made.

RESPECTFULLY SUBMITTED

(For the inventors)

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D. AMENDMENT TO THE DRAWINGS -